

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1. (Currently Amended) An electrode device for iontophoresis comprising:

a base film,

an electrode layer being laid on one surface of said base film having a region to receive a gel containing a drug to be introduced into the body of a patient, a voltage being impressed on said gel through said electrode layer to induce ion migration of the drug,

a sheet member composed of a porous material integrally laminated on said base film and covering at least the region to receive the gel, said sheet member having a property for allowing said gel to permeate therein,

wherein, when said gel is disposed on said sheet member in the region to receive the gel, the property of the sheet member to allow the gel to permeate therein is sufficient to provide a retention force resulting from a permeated portion of the gel to retain the gel in the region to receive the gel.
2. (Original) An electrode device for iontophoresis according to claim 1,

wherein said sheet member laminated on said base film has a ring-like shape, having a concave space defined at an inner peripheral part thereof, said concave space being adapted to receive said gel therein.

3. (Original) An electrode device for iontophoresis according to claim 2, wherein said base film is composed of a plastic film of a single layer.
4. (Original) An electrode device for iontophoresis according to claim 1, wherein said base film is composed of a member obtained by laminating a plastic film and a metal film, said laminated member being easily bendable by hand and the bended state being retainable.
5. (Original) An electrode device for iontophoresis according to claim 1, wherein said electrode layer includes a main body part corresponding to said area where said gel containing a drug is disposed and a lead part extending from said main body part, said electrode layer further including an insulative layer surrounding said main body part and laid above said lead part in such a manner as to traverse said lead part.
6. (Original) An electrode device for iontophoresis according to claim 1, wherein said electrode layer is sandwiched between said base film and said sheet member.
7. (Original) An electrode device for iontophoresis according to claim 1, wherein said region of said base film where said gel containing a drug is disposed is concaved.
8. (Original) An electrode device for iontophoresis according to claim 7, wherein said base film further includes a support member disposed at a peripheral edge part of said concave part and for supporting said gel receiving in said concave part.

9. (Original) An electrode device for iontophoresis according to claim 1, wherein said electrode layer includes a main body part corresponding to said area where said gel containing a drug is disposed and a lead part extending from said main body part, said sheet member having such a configuration as to surround said main body part.

10. (Currently Amended) An electrode device for iontophoresis including a base film, a region where a gel containing a drug to be introduced into the body of a patient is disposed being laid on one surface of said base film, a voltage being impressed on said gel to induce ion migration of the drug, wherein said base film is provided at least at said region part where said gel is disposed with a sheet member composed of a porous material integrally laminated on said base film and an electrode layer laminated on said sheet member, said sheet member having a property for allowing said gel to permeate therein,

wherein, when said gel is disposed on said sheet member in the region to receive the gel, the property of the sheet member to allow the gel to permeate therein is sufficient to provide a retention force resulting from a permeated portion of the gel to retain the gel in the region to receive the gel.

11. (Currently Amended) An electrode device for iontophoresis comprising:
a base film;
an electrode layer disposed on a surface of the base film having a region to receive a gel;

a sheet member composed of a porous material disposed on the base film and covering at least the region to receive the gel, said sheet member having a property for allowing at least a portion of the gel to permeate therein,

wherein, when said gel is disposed on said sheet member in the region to receive the gel, the property of the sheet member to allow the gel to permeate therein is sufficient to provide a retention force resulting from a permeated portion of the gel to retain the gel in the region to receive the gel.

12. (Previously Presented) The electrode device of claim 11, wherein the sheet member comprises a nonwoven fabric.

13. (Previously Presented) The electrode device of claim 12, wherein the sheet member covers completely the electrode layer in the region of the electrode layer to receive the gel.

14. (Previously Presented) The electrode device of claim 11, wherein the retention force resulting from the permeated portion of the gel is sufficient to retain the gel on the electrode device when the electrode device is any position.